

Research profile

I am Assistant professor in Spatial Planning and Urban Development, focusing on the (spatial) circular economy, strategic scenario planning, polycentric economic networks, the planning of port-cities, and the Dutch-Belgian cooperation.

Qualifications

Doctor in Spatial Planning and Urbanism, Universiteit Gent

1 Mar 2014 → 1 Jun 2018

Award Date: 28 Sept 2018

Employment

Urban Development Management

Delft University of Technology

15 Jun 2018 → 9 Aug 2056

Editor

plaNext journal

Belgium

1 Jun 2016 → present

Research outputs

Bedrijvigheid en wonen: Van Central Business naar Central (re)manufacturing district?

Van den Berghe, K., 2024, *Transformatie naar Woningen*. Remøy, H., van Bortel, G., Heurkens, E. & van Venrooij, R. (eds.). Delft: Delft University of Technology, Faculteit Bouwkunde, p. 231-241 11 p.

Circular city policy coherence in Greater London

Bucci Ancapi, F., Van den Berghe, K. & van Bueren, E., 2024, In: *Cities*. 155, 10 p., 105423.

Circular regions and cities: towards a spatial perspective on circular economy

Dabrowski, M. M., Williams, J., Van den Berghe, K. B. J. & van Bueren, E., 2024, *Going Circular: Unlocking the Potential of Regions and Cities to Drive the Circular Economy Transition*. Routledge - Taylor & Francis Group, p. 13-28 16 p. (Regional Studies Policy Impact Book Series).

FABRIX Theoretical and conceptual frameworks: Deliverable 1.1

Van den Berghe, K. B. J., Rezikalla, M. M., Lavanga, M., Kim, Y., Thureau, F. & Brandellero, A., 2024, FABRIX. 29 p.

FABRIX_Project Methodology: Deliverable 1.2

Van den Berghe, K. B. J., Rezikalla, M. M., Kim, Y., March, J. & Lavanga, M., 2024, FABRIX. 26 p.

Geographic Information Systems for Circular Cities and Regions

Tsui, T. P. Y., Wuyts, W. & Van den Berghe, K. B. J., 2024, *A Circular Built Environment in the Digital Age*. De Wolf, C., Çetin, S. & Bocken, N. (eds.). Cham: Springer, p. 21-40 20 p. (Circular Economy and Sustainability).

Policy recommendations for facilitating an urban and regional circular economy

Van den Berghe, K. B. J., Dabrowski, M. M., van Bueren, E. & Williams, J., 2024, *Going Circular: Unlocking the Potential of Regions and Cities to Drive the Circular Economy Transition*. London: Routledge - Taylor & Francis Group, p. 99-108 (Regional Studies Policy Impact Books).

Spatial planning of the circular economy in uncertain times: Focusing on the changing relation between port, city, and hinterland

Van den Berghe, K., Tsui, T., Nefs, M., Iliopoulos, G., Papadimitriou, C., Fitzgerald, T., Bonte, T. & Arrindell, A., 2024, In: *Maritime Transport Research*. 7, 13 p., 100120.

The window of opportunity for circular economy in Europe in the wake of the geopolitical turmoil: Connecting scales and principles

Van den Berghe, K. B. J. & Dabrowski, M. M., 2024, *Going Circular: Unlocking the Potential of Regions and Cities to Drive the Circular Economy Transition*. Routledge - Taylor & Francis Group, p. 29-42 p. (Regional Studies Policy Impact Book Series).

Het verduurzamen van bedrijventerreinen: Hou(dt) (geen) rekening met de (veranderende maatschappelijk noodzakelijke) bedrijven

Van den Berghe, K. B. J., 30 Oct 2023, Raad voor de Leefomgeving en Infrastructuur (RLI). 7 p.

CommodiPhy: The commodification of ammonia and the role of Rotterdam as a global pricing centre

van Son, L., Arkhipov-Goyal, A., Van den Berghe, K. B. J., den Ouden, B., van Vliet, R.-J. & Jacobs, W., 25 Mar 2023, Delft University of Technology. 76 p.

Analyzing the US Gulf Coast petrochemical port polycentric region, and its connectivity with the European Amsterdam-Rotterdam-Antwerp (ARA) region

Van den Berghe, K. B. J., Peris, A. & Jacobs, W., 2023, *Port Systems in Global Competition: Spatial-Economic Perspectives on the Co-Development of Seaports*. Notteboom, T. & Ducruet, C. (eds.). 1 ed. Routledge - Taylor & Francis Group, Vol. 1. 18 p. (Routledge Studies in Transport Analysis).

Protect our Ports! But wait, what are we talking about?

Van den Berghe, K., 2023, 9 p. Mechelen : Vlaanderen Circulair.

Watergebonden transport en bedrijventerreinen in Zuid-Holland. Fore- en backcasting van de circulaire economie om de implicaties voor ruimtelijke planning van vandaag te begrijpen

Van den Berghe, K. B. J., Tsui, T. P. Y., Iliopoulos, G., Papadimitriou, C., Arrindell, A., Bonte, T., Fitzgerald, T. & Nefs, M., 2023, 77 p.

Circular Cities

Bucci Ancapi, F. E., van Bueren, E. & Van den Berghe, K. B. J., 10 Mar 2022, *The Palgrave Encyclopedia of Urban and Regional Futures*. Palgrave MacMillan Publishers, p. 1-12 12 p.

A Policy Coherence Framework for Circular Built Environment Implementation: the Case of a Campus Development

Bucci Ancapi, F. E., Van den Berghe, K. B. J. & van Bueren, E., 2022, *The state of circularity: The content of "the 2nd International Conference on Circular Systems for the Built Environment"*. Shahnoori, S. & Mohammadi, M. (eds.). Technische Universiteit Eindhoven, p. 120-136 16 p.

Friends with benefits: the emergence of the Amsterdam-Rotterdam-Antwerp (ARA) polycentric port region

Van den Berghe, K. B. J., Peris, A. F. T., Meijers, E. J. & Jacobs, W., 2022, In: *Territory, Politics, Governance*. 11, 2, p. 301-320 20 p.

Perspectieven op circulaire gebiedsontwikkeling: Lessen uit de Binckhorst en andere gebiedsontwikkelingen

van Bueren, E., Buizer, M., Van den Berghe, K. B. J., Heijkers, B., Meijs, L., Verhagen, T., Dittrich, K. & Sprecher, B., 2022, *Accelerating the Circular Economy Zuid-Holland (ACCEZ)*. 71 p.

The circular built environment toolbox: A systematic literature review of policy instruments

Bucci Ancapi, F. E., Van den Berghe, K. B. J. & van Bueren, E., 2022, In: *Journal of Cleaner Production*. 373, 12 p., 133918.

When "port-out – city-in" becomes a strategy: is the port-city interface conflict in Amsterdam an observation or a self-fulfilling prophecy?

Van den Berghe, K. B. J., Louw, E., Pliakis, F. A. & Daamen, T. A., 2022, In: *Maritime Economics & Logistics*. 25, 2, p. 330-350 21 p.

De betonfabriek als glazen bol: circulaire steden kunnen niet zonder industrie

Van den Berghe, K. B. J., 20 Dec 2021

Een circulair ontwerp moet ook circulair werken

Van den Berghe, K. B. J. & van Bakel, S. C. J., 5 Jan 2021

De paradox van circulariteit

Van den Berghe, K. B. J., 2021, In: Ruimte: vakblad van de Vlaamse Vereniging voor Ruimte en Planning (Brussel). 49, 141, p. 52-55

Making it Concrete: Analysing the Role of Concrete Plants' Locations for Circular City Policy Goals

Van den Berghe, K. B. J. & Verhagen, T., 2021, In: Frontiers in Built Environment. 7, 10 p., 748842.

When "port out –city in" becomes a strategy: Revisiting the land-use conflict in the European port-city interface

Van den Berghe, K. B. J., Louw, E., Pliakis, F. A. & Daamen, T. A., 2021. 20 p.

De haven en de stad: Een selffulfilling (Amsterdams) conflict?

Van den Berghe, K., 24 Apr 2020

From Planning the Port/City to Planning the Port-City: Exploring the Economic Interface in European Port Cities

Van den Berghe, K. & Daamen, T., 2020, *European Port Cities in Transition: Moving Towards More Sustainable Sea Transport Hubs*. Carpenter, A. & Lozano, R. (eds.). Cham, Switzerland: Springer, p. 89-108 20 p. (Strategies for Sustainability; vol. 1).

Infrastructuur, ruimte en grenzen: havenontwikkeling en de strijd om de Schelde

Van den Berghe, K., Meijers, E. & Witlox, F., 2020, *Utopie voor realisten: De verrekijker voor toekomstdenkers*. De Groof, J. (ed.). Tiel: Lannoo-Campus, p. 232-247

Patterns of Circular Transition: What Is the Circular Economy Maturity of Belgian Ports?

Haezendonck, E. & Van den Berghe, K. B. J., 2020, In: Sustainability. 12, 21, 15 p., 9269.

When a Fire Starts to Burn: The Relation Between an (Inter)nationally Oriented Incinerator Capacity and the Port Cities' Local Circular Ambitions

Van den Berghe, K., Bucci Ancapi, F. & van Bueren, E., 2020, In: Sustainability. 12, 12, 18 p., 4889.

When plasticity doesn't provide the solution anymore: Understanding the contemporary institutional restructuring of the A-R-A port geography using a PUR perspective

Van den Berghe, K., 28 Jan 2019.

Circular Area Design or Circular Area Functioning? A Discourse-Institutional Analysis of Circular Area Developments in Amsterdam and Utrecht, The Netherlands

Van den Berghe, K. & Vos, M., 2019, In: Sustainability. 11, 18, 20 p., 4875.

From Circular Area Development Towards Functioning Circular Areas: Approaching the Multi-Scalar Challenges of a (Future) Circular Economy

Van den Berghe, K. & Ersoy, A., 2019, p. 196-197.

The Belgian-Dutch Polycentric Port Region: Analysing the (mis)match between existing multiplex networks and their (inter)national policy settings

Van den Berghe, K., Meijers, E. & Jacobs, W., 2019.

Planning the Port City: A Contribution to and Application of the Relational Approach, Based on Five Case Studies in Amsterdam (The Netherlands) and Ghent (Belgium)
Van den Berghe, K., 2018, 1 ed. Assen: InPlanning. 308 p.

The relational geometry of the port-city interface: Case studies of Amsterdam, the Netherlands, and Ghent, Belgium
Van den Berghe, K., Jacobs, W. & Boelens, L., 2018, In: Journal of Transport Geography. 70, C, p. 55-63 9 p.

Young Academics Network

Van den Berghe, K., 6 Jul 2017, *AESOP Yearbook: 30th Anniversary Edition*. Pinho, P. (ed.). 1 ed. Porto, Portugal: GRECA, Vol. 1. p. 46-47 2 p.

China neemt (Volvo) over

Van den Berghe, K., 20 Jun 2017, In: *Agora*. 33, 3, p. 13-15 3 p.

Potentials of Entrepreneurial Thinking for Planning: Debates during the 11th AESOP Young Academics Conference
Gilliard, L., Wenner, F., Lamker, C. W., Van den Berghe, K. & Willems, J. J., 2017, In: *DISP*. 53, 3, p. 94-100

Waarom blijven we havensteden geografisch analyseren? De ideaaltypische concepten zorgen voor een institutionele lock-in

Van den Berghe, K., 5 Oct 2016, In: *Ruimte & Maatschappij*. 7, 4, p. 6 27 p., 23.

The governance dilemma in the Flanders coastal region between integrated water managers and spatial planners

Van den Berghe, K. & De Sutter, R., 10 Feb 2016, *Frontiers of land and water governance in urban regions*. Hartmann, T. & Spit, T. (eds.). 1 ed. London (UK): Routledge - Taylor & Francis Group, Vol. 1. p. 66-81 15 p. (Routledge Special Issues on Water Policy and Governance).

Definitive space - fuzzy responsibility

Van den Berghe, K. B. J., 2016, In: *Town Planning Review*. 87, 1, p. 93-98

The governance dilemma in the Flanders coastal region between integrated water managers and spatial planners

Van den Berghe, K. & De Sutter, R., 10 Oct 2014, In: *Water International*. 39, 6, p. 858-871

De hydrologische cyclus in de Belgische kustzone en -polders

Van den Berghe, K. & De Sutter, R., 1 Jun 2014, In: *Ruimte & Maatschappij*. 5, 4, p. 32 64 p.

Eiland op het droge

Van den Berghe, K. & Boelens, L., 2014, In: *Ruimte: vakblad van de Vlaamse Vereniging voor Ruimte en Planning (Brussel)*. 22, p. 78 83 p.

Activities

The trilemma of the circular economy. It depends.

K.B.J. Van den Berghe (Speaker)

10 Oct 2024

Special session: From Critically Analysing the Circular Economy... to Navigating towards the Circular Cities and Regions

K.B.J. Van den Berghe (Speaker), M.M. Dabrowski (Speaker) & Emil Evenhuis (Speaker)

13 Jun 2024

PhD defense Bruno Moeremans, member of examination committee

K.B.J. Van den Berghe (Examiner)

3 May 2024

Representing & Crossing the Port-Cluster Landscape: Workshops Maps

Mina Akhavan (Participant) & Karel Van den Berghe (Participant)

15 Apr 2024

De circulaire economie

K.B.J. Van den Berghe (Speaker)

19 Jan 2024

The circular maturity of Belgian and Dutch ports

K.B.J. Van den Berghe (Speaker)

9 Oct 2023

What's in a word? A critical realist reading of the port-city, reflecting on perception, action, and context

K.B.J. van den Berghe (Speaker)

14 Sept 2023

Summer School on Circularity in the Built Environment

O. Ioannou (Chair of programme committee), A. Wandl (Chair of programme committee) & K.B.J. Van den Berghe (Member of programme committee)

5 Jul 2023 → 7 Jul 2023

Planning the circular economy. Is the uncertain future forcing a shift in planning practice?

K.B.J. Van den Berghe (Speaker)

15 Jun 2023

RSA Impact Policy Book: "Going circular: unlocking the potential of regions and cities to drive the circular economy transition"

M.M. Dabrowski (Speaker), K.B.J. Van den Berghe (Speaker) & Wendy Wuyts (Speaker)

15 Jun 2023

Panel the role of circular industry

K.B.J. Van den Berghe (Speaker)

16 May 2023

De economische ecosystemen in havensteden Gent en Amsterdam

K.B.J. Van den Berghe (Speaker)

14 Feb 2023

Belgie en Nederland, hoe de economische netwerken over grenzen heen lopen.

K.B.J. Van den Berghe (Speaker)

8 Feb 2023

Circulaire Gebiedsontwikkeling

K.B.J. Van den Berghe (Chair of programme committee)

7 Feb 2023

Symposium Circulaire Gebiedsontwikkeling

K.B.J. Van den Berghe (Chair of programme committee)

7 Feb 2023

Why does Space matter in a Circular Economy?

K.B.J. Van den Berghe (Speaker)

11 Nov 2022

Going circular in cities and regions: from policy to practice

M.M. Dabrowski (Speaker), Elmar Willems (Speaker), Joanna Williams (Speaker), Fedra Vanhuysse (Speaker), Wendy Wuyts (Speaker) & K.B.J. Van den Berghe (Speaker)
12 Oct 2022

Co-producing Transitions Towards Circular Cities and Regions

M.M. Dabrowski (Speaker), Fedra Vanhuysse (Speaker), Wendy Wuyts (Speaker), Elmar Willems (Speaker), K.B.J. Van den Berghe (Speaker) & Adrian Vickery Hill (Speaker)
5 Oct 2022

Summer School on Circularity in the Built Environment

O. Ioannou (Chair of programme committee), T. Klein (Chair of programme committee), R.J. Geldermans (Member of programme committee) & K.B.J. Van den Berghe (Chair of programme committee)
10 Jul 2022 → 12 Jul 2022

Ecocity World Summit 2022

S. Çetin (Organiser), T.P.Y. Tsui (Chair of programme committee), O. Ioannou (Organiser), K.B.J. Van den Berghe (Organiser), T. Egger (Organiser) & M.M. Dabrowski (Organiser)
22 Feb 2022

Circulaire gebiedsontwikkeling: de lessen

K.B.J. Van den Berghe (Speaker)
2 Nov 2021

Regions in Recovery

K.B.J. Van den Berghe (Organiser), M.M. Dabrowski (Organiser), E.M. van Bueren (Organiser), Frank van Oort (Organiser), A. Ersoy (Organiser) & Joanna Williams (Organiser)
16 Jun 2021 → 17 Jun 2021

Erasmus Universiteit Rotterdam

K.B.J. Van den Berghe (Visiting researcher)
1 Jun 2020 → ...

Polycentric Port Region. Exploring the relation between functional and institutional polycentrism

K.B.J. Van den Berghe (Speaker)
2 Sept 2019

Universiteit Gent

K.B.J. Van den Berghe (Visiting researcher)
1 Sept 2019 → 1 Sept 2020

European Commission (External organisation)

K.B.J. Van den Berghe (Chair)
15 May 2019 → 10 Oct 2019

Planning the conflict (?) Towards the philosophical core of planning

K.B.J. Van den Berghe (Speaker)
27 Mar 2019

Planning the Port/city or planning the Port-City?

K.B.J. Van den Berghe (Speaker)
20 Mar 2019

Planning the (circular) port/city or port-city?

K.B.J. Van den Berghe (Speaker)
19 Mar 2019

Discourse-Institutional analysis circular area development
K.B.J. Van den Berghe (Speaker) & Martijn Vos (Speaker)
13 Mar 2019

A relational approach to the port city
K.B.J. Van den Berghe (Speaker)
7 Dec 2018

Planning the Port City
K.B.J. Van den Berghe (Speaker)
3 Dec 2018

De havenstad plannen
K.B.J. Van den Berghe (Speaker)
21 Nov 2018

De Paradox van de Binnenhaven
K.B.J. Van den Berghe (Speaker)
1 Nov 2018

Circular Port Cities
K.B.J. Van den Berghe (Speaker)
23 Oct 2018

Circular area development in Port Cities
K.B.J. Van den Berghe (Speaker)
23 Oct 2018

10 lessen over circulaire gebiedsontwikkeling
K.B.J. Van den Berghe (Speaker)
13 Sept 2018

Presentation policy clustering tool
K.B.J. Van den Berghe (Speaker)
11 Sept 2018

plaNNext-journal (Journal)
K.B.J. Van den Berghe (Editor)
1 Jan 2018 → 31 Dec 2018

plaNNext-journal (Journal)
K.B.J. Van den Berghe (Editor)
1 Jan 2017 → 31 Dec 2017

plaNNext-journal (Journal)
K.B.J. Van den Berghe (Editor)
1 Oct 2016 → 31 Dec 2016

Prizes

Fellow of the Regional Studies Association
Van den Berghe, K.B.J. (Recipient), 4 May 2023

Flemish Organization of Spatial Planners Master Thesis Prize 2013
Van den Berghe, K.B.J. (Recipient), 12 Nov 2013

Flemish Research Council International Mobility Award
Van den Berghe, K.B.J. (Recipient), 15 Aug 2016

Flemish and Dutch Plandag Best Young Planner Paper Award 2014
Van den Berghe, K.B.J. (Recipient), 22 May 2014

Flemish and Dutch Plandag Best Young Planner Paper Award 2015
Van den Berghe, K.B.J. (Recipient), 21 May 2015

Press/Media

'De min gaan we niet goedmaken, maar niet alles is somber'
K.B.J. van den Berghe
22/01/24
1 item of Media coverage

Betonindustrie en circulaire steden horen bij elkaar
K.B.J. Van den Berghe
4/05/23
1 Media contribution

Bruggen naar een circulaire maatschappij
Karel Van den Berghe
8/05/24
1 Media contribution

Interview: Stad zit eigen ambitie in de weg
K.B.J. Van den Berghe
22/04/21
1 Media contribution

Karel van den Berghe: "Bedrijventerreinen zijn voor de stad heel waardevol"
K.B.J. Van den Berghe
12/01/21
1 Media contribution

Negatief Advies voor politiekantoor op site oude rijkswachtkazerne
K.B.J. Van den Berghe
11/01/19
1 Media contribution

Projects

Circular Built Environment Hub

Klein, T., Geldermans, R. J., Ioannou, O., Wandl, A., Dubbeling, D. J., Mansveld, N., Asselbergs, M. F., Azcarate Aguerre, J. F., van Bennekom, H. A., Van den Berghe, K. B. J., Boerstra, A. C., van Bortel, G. A., Bucci Ancapi, F. E., van Bueren, E. M., Cavallo, R., Çetin, S., Dabrowski, M. M., Ersoy, A., Gruis, V. H., Heesbeen, C., Jansen, B., Konstantinou, T., Leclercq, E. M., Luscuere, P. G., van Marrewijk, A. H., Medici, P., Meijer, A., Overschie, M. G. F., Peck, D. P., Sabbe, A. L. P., Smit, M. J., van Stijn, A., Straub, A., van Timmeren, A., Tsui, T. P. Y. & Wamelink, J. W. F.
1/05/16 → ...

Datasets/Software

Data underlying Circular city policy coherence in Greater London

Bucci Ancapi, F. E. (Creator), van Bueren, E. M. (Creator) & Van den Berghe, K. B. J. (Creator), TU Delft - 4TU.ResearchData, 20 Dec 2023

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